

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	199614	(distribut\$3 near system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L2	1973	L1 and (field near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L3	1864	L2 and function\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L4	1386	L3 and (controller (control near system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L5	625	L4 and installation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L6	587	L5 and configuration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L7	578	L6 and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41

L8	510	L7 and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L9	94	L8 and (profibus profinet hart (foundation near fieldbus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L10	41	L9 and optimization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L11	2	L10 and (function\$3 near unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:41
L12	812	700/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 09:44
L13	5	L8 and L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:44
L14	818	700/9.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 09:44
L15	11	L8 and L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:44
L16	1191	700/17.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 09:44
L17	3	L8 and L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:44

L18	199614	(distribut\$3 near system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L19	1973	L18 and (field near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L20	1864	L19 and function\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L21	1386	L20 and (controller (control near system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L22	625	L21 and installation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L23	587	L22 and configuration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L24	578	L23 and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L25	510	L24 and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L26	499	700/18.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 09:45

L27	8	L25 and L26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:45
L28	4246	713/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 09:56
L29	4	L8 and L28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:56
L30	2400	709/221.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 09:57
L31	9	L8 and L30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 09:57
L32	1655	709/222.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/25 10:03
L33	3	L25 and L32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 10:03
L36	2455357	"35" and function\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/25 10:04
S1	2	"5980078".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 14:15
S2	2	"6446202".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 14:22

S3	6	("6098116" "5311562" "6023507").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 14:28
S4	15	("6446202").URPN.	USPAT	OR	OFF	2009/01/13 15:15
S5	43460	(distribut\$3 near system)	USPAT	OR	OFF	2009/01/13 15:27
S6	442	S5 and (field near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:28
S7	157496	(distribut\$3 near system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:28
S8	1386	S7 and (field near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:28
S9	1270	S8 and function	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:29
S10	1302	S8 and function\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:29
S11	969	S10 and (controller (control near system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:31
S12	465	S11 and installation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:32

S13	439	S12 and configuration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:33
S14	431	S13 and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:34
S15	387	S14 and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:34
S16	76	S15 and (profibus profinet hart (foundation near fieldbus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:35
S17	32	S16 and optimization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:36
S18	2	S17 and (function\$3 near unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 15:37
S19	24	("5828851"   "5838563"   "5862052"   "5940294"   "5980078"   "6032208"   "6098116"   "6195591"   "6266726").PN. OR ("6446202").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:29
S20	690	700/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:31
S21	4	S15 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:32
S22	718	700/9.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:33

S23	8	S15 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:33
S24	961	700/17.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:34
S25	3	S15 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:34
S26	455	700/18.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:35
S27	7	S15 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:35
S28	3237	713/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:38
S29	4	S15 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:38
S30	1545	709/221.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:40
S31	7	S15 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:40
S32	1067	709/222.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/13 16:41
S33	3	S15 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/13 16:41
S34	3	("6999824" "6594530" "6424872").pn.	USPAT	OR	OFF	2009/08/25 13:17

S35	185379	(distribut\$3 near system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S36	1753	S35 and (field near device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S37	1651	S36 and function\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S38	1233	S37 and (controller (control near system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S39	566	S38 and installation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S40	533	S39 and configuration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S41	524	S40 and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S42	463	S41 and parameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05

S43	86	S42 and (profibus profinet hart (foundation near fieldbus))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S44	36	S43 and optimization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S45	2	S44 and (function\$3 near unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:05
S46	774	700/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:06
S47	5	S42 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:06
S48	787	700/9.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:11
S49	9	S42 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:11
S50	1122	700/17.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:15
S51	3	S42 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:15
S52	485	700/18.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:16
S53	8	S42 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:16
S54	3904	713/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:18

S55	4	S42 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:18
S56	2079	709/221.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:19
S57	9	S42 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:19
S58	1439	709/222.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/17 15:21
S59	3	S42 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:21
S60	4	("20030149493" "20030154144").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/17 15:23

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L34	70707	(distribut\$3 near system)	USPAT; UPAD	OR	ON	2011/03/25 10:04
L35	866	34 and (field near device)	USPAT; UPAD	OR	ON	2011/03/25 10:04
L37	820	35 and function\$3	USPAT; UPAD	OR	ON	2011/03/25 10:05
L38	614	37 and (controller (control near system))	USPAT; UPAD	OR	ON	2011/03/25 10:05
L39	559	38 and configuration	USPAT; UPAD	OR	ON	2011/03/25 10:05
L40	534	39 and network	USPAT; UPAD	OR	ON	2011/03/25 10:05
L41	420	40 and parameter	USPAT; UPAD	OR	ON	2011/03/25 10:06
L42	131	41 and (profibus profinet hart (foundation near fieldbus))	USPAT; UPAD	OR	ON	2011/03/25 10:06

L43	65	42 and optimization	USPAT; UPAD	OR	ON	2011/03/25 10:06
L44	0	43 and (function\$3 near unit)	USPAT; UPAD	OR	ON	2011/03/25 10:07
L45	431	700/1.ccls.	USPAT; UPAD	OR	OFF	2011/03/25 10:07
L46	11	41 and 45	USPAT; UPAD	OR	OFF	2011/03/25 10:07
L47	640	700/9.ccls.	USPAT; UPAD	OR	OFF	2011/03/25 10:08
L48	13	41 and 47	USPAT; UPAD	OR	OFF	2011/03/25 10:08
L49	865	700/17.ccls.	USPAT; UPAD	OR	OFF	2011/03/25 10:09
L50	11	41 and 49	USPAT; UPAD	OR	OFF	2011/03/25 10:09
L51	11085	"S15" and "S26"	USPAT; UPAD	OR	ON	2011/03/25 10:15
L52	354	700/18.ccls.	USPAT; UPAD	OR	OFF	2011/03/25 10:16
L53	12	41 and 52	USPAT; UPAD	OR	OFF	2011/03/25 10:16

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